

CLAIMS

1) Adaptable, personalised and sector-based animation system for transmitting a music programme, messages, smells, digital images and lights on the basis of pre-established but adaptable programmes, characterised in that it comprises a management and control centre linked to at least one local station connected to an animation system incorporating an audio system to which it supplies the audio signals to be transmitted,

A) the centre (C) comprising

- * a micro-computer (μ P) managing
 - a music bank (BMUS) containing available music samples (ECHi) to compile music programmes for broadcasting,
 - a file of sample programmes (F-PRECH),
 - a file of animation messages (F-MESS),
 - a planner file (FAGEN) containing the broadcasting grids (broadcasting time of the sample programmes and messages) based on days and times of the day,
 - a file of clients and local stations (F-CL/-STi) linked to the centre (C),
- * input means (E1, E2, E3) for
 - musical data to set up, add to and renew the music bank by adding or deleting samples,
 - data relating to the clients,
 - information for updating client data,
- * direct access means (ACCDIR) for accessing a local station (STi), the priority being its programmed operation,
- * an audio data compression (COMP) means,
- * a modem (MODE) outputting from the centre (C) in order to communicate with the local stations (STi),

B) at least one local station (STi) comprising

- * a central unit (μ PI) and at least one hard disk (DDI) receiving
 - the compressed samples, the compressed messages and the samples programmes associated with the local

station,

- a decompression means at the station output,
- a modem (MODE) at the input of the local station to communicate with the centre (C),

5 C) the centre (C) compiling, for each local station (STi) or group of local stations,

- * a programme of samples and animation messages containing the sample and message references,
- * a planner for the samples and messages (broadcasting dates),

10 the programme of samples being compiled on the basis of information describing the site at which the sound system is located,

the centre transmitting to each local station

- the compressed samples and messages, the programmes of samples and messages and the planner for recording them in the local station,

15 the transmission of signals to the audio system (SONO) being managed locally by the central unit (μ PI) of the local station (STi) on the basis of the programme of samples and messages and the planner,

20 the audio signals being decompressed at the station output before being applied to the audio system.

25 2) Personalised and sector-based animation system as claimed in claim 1,

characterised in that

the centre (C) transmits the information and the files to a local station (STi) via the telephone network (PSTN).

30 3) Personalised and sector-based animation system as claimed in claim 1,

characterised in that

35 the centre (C) transmits the information and the files to a local station (STi) via the Internet.

4) Personalised and sector-based animation system as claimed in claim 1,

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characterised in that
the centre (C) is accessed via the Internet.

5) Personalised and sector-based animation system as claimed

5 in claim 1,

characterised in that

the centre (C) generates two broadcasting lists

-a list categorised by titles and messages giving the day and
time at which each title and message will be broadcast,

10 -a list categorised by date of broadcasting giving titles and
messages broadcast per day.

6) Personalised and sector-based animation system as claimed
in claim 1,

15 characterised in that

the animation messages include voice messages, audio messages,
digital video messages and sensory messages.

7) Personalised and sector-based animation system as claimed
in claim 6,

20 characterised in that

the light messages and sensory messages include command
signals for local broadcasting systems such as lighting and
video projector systems, and atomisers or diffusers for
25 perfume and smell.